

Converting Colors

Hex(157644)

Have a look what the booklet for
Hex(157644) contains.

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Color

Hex(157644)

Conversions

Conversions Part 1

Format	Color
Hex	157644
RGB	21, 118, 68
RGB Percent	8%, 46%, 27%
CMY	0.9176, 0.5373, 0.7333
CMYK	0.82, 0.00, 0.42, 0.54
HSL	149°, 70%, 27%
HSV	149°, 82%, 46%
XYZ	7.8311, 13.5337, 7.6684
YIQ	83.2970, -41.7620, -36.1140

Conversions

Conversions Part 2

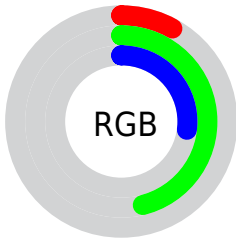
Format	Color
R_{YB}	21, 86, 118
Decimal	1406532
CIE _{Lab}	43.56, -39.14, 20.09
CIE _{LCh}	44, 43.995, 152.829
Y _{xy}	13.5337, 0.2697, 0.4661
Android (android.graphics.Color)	4279596612 (0xFF157644)
YUV	83.2970, -7.5414, -54.6345
Hunter-Lab	36.7881, -26.3819, 13.3929

Details

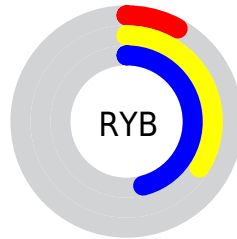
The Hex color **157644** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **761547**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **53AB75**, and **004418** is the 20% darker color. If you saturate the color by 10%, you get **09763E**, and if you desaturate by 10%, it is **21764A**.

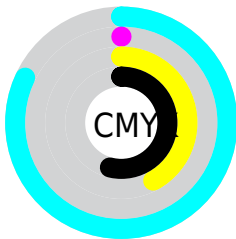
Distribution



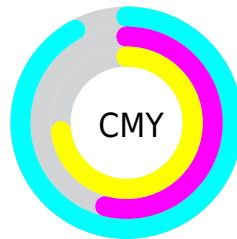
- Red (8%)
- Green (46%)
- Blue (27%)



- Red (8%)
- Yellow (34%)
- Blue (46%)



- Cyan (82%)
- Magenta (0%)
- Yellow (42%)
- Black (54%)




- Cyan (92%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157644 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 157644 by changing the saturation by 10% instead.

 157644

 157644

FFFFFF

 005D2D

 53AB75

 004418

 6EC78E

 002D00

 8AE3A9

 001500

 A6FFC4

 000000

 C2FFE0

 DFFFFD

 FDFFFF

 157644

 157644

■ 09763E

■ 21764A

■ 007639

■ 2D7650

■ 387656

■ 44765C

■ 507662

■ 5C7668

■ 68766F

■ 737675

■ 7F767B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



527025



157644



007869

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



157644



116AB0



A64B41

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



157644



761547

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A84565



157644



6C5CA4

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



157644



0073A7



964D89



945925

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157644



007882



964D89



A9474D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



157644



739985



477615



364D41



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157644



02994B



157674



353B38



007A3B



00FA79

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



761547



990250



761517



3B3538



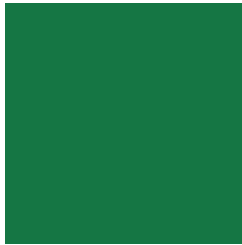
7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 157644 looks on a white background.

Color Contrast Check

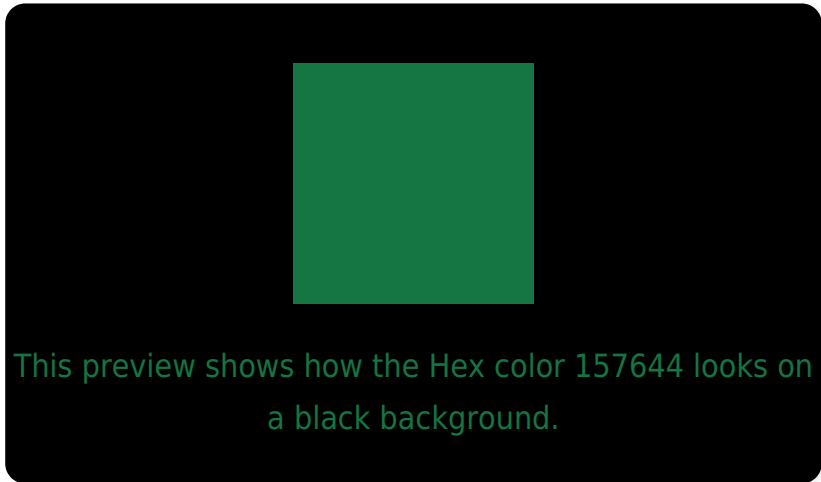
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

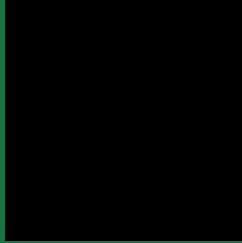
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 157644 Background



This preview shows how black text looks on a background with the Hex color 157644.



This preview shows how white text looks on a background with the Hex color 157644.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
157644

Protanopia
70663E

Deuteranopia
7A6249



Tritanopia
2F7079

Trichromacy



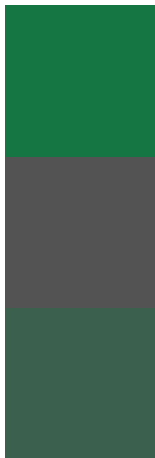
Original Color
157644

Protanomaly
4F6C40

Deuteranomaly
556947

Tritanomaly
267266

Monochromacy



Original Color
157644

Achromatopsia
535353

Achromatomaly
3C604E

CSS Examples

Text

The CSS property to change the color of the text to Hex 157644 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #157644 looks like.

```
.text, #text, p{  
    color:#157644  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #157644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157644
}
```

Border

The CSS property to change the border of an element to Hex 157644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#157644 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#157644 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #157644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157644; -webkit-box-shadow:4px 4px  
4px 4px #157644; box-shadow:4px 4px 4px  
4px #157644 }
```

Background

The CSS property to change the background color of an element to Hex 157644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157644 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#157644 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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